

#12-16

0.21

FILE 'REGISTRY' ENTERED AT 14:11:10 ON 25 SEP 2006
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STRUCTURE FILE UPDATES: 24 SEP 2006 HIGHEST RN 908332-13-8
DICTIONARY FILE UPDATES: 24 SEP 2006 HIGHEST RN 908332-13-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

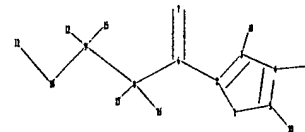
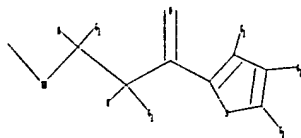
Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\Karen.str



chain nodes :
6 7 8 9 10 11 12 13 15 16 18 19 20
ring nodes :
1 2 3 4 5
chain bonds :
2-6 3-18 4-19 5-20 6-7 6-8 8-9 8-13 8-16 9-10 9-12 9-15 10-11
ring bonds :
1-2 1-5 2-3 3-4 4-5
exact/norm bonds :
1-2 1-5 2-3 3-4 3-18 4-5 4-19 5-20 6-7 8-16 9-10 9-15 10-11
exact bonds :

2-6 6-8 8-9 8-13 9-12

G1:H,CH3

Match level :

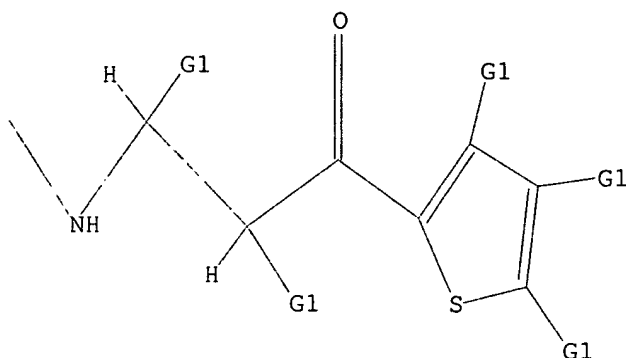
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 15:CLASS 16:CLASS 18:CLASS 19:CLASS 20:CLASS

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



G1 H, Me

Structure attributes must be viewed using STN Express query preparation.

=> s l1 ful

FULL SEARCH INITIATED 14:11:36 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 4557 TO ITERATE

100.0% PROCESSED 4557 ITERATIONS

56 ANSWERS

SEARCH TIME: 00.00.01

L2 56 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

166.94

167.15

FILE 'CAPLUS' ENTERED AT 14:11:43 ON 25 SEP 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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FILE COVERS 1907 - 25 Sep 2006 VOL 145 ISS 14
FILE LAST UPDATED: 24 Sep 2006 (20060924/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s 12

L3 36 L2

=> d ibib hitstr 1-36

L3 ANSWER 1 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2006:866581 CAPLUS
DOCUMENT NUMBER: 145:271387

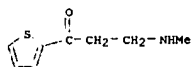
TITLE: Process for the preparation of enantiomerically pure 1-substituted-3-amino alcohols using methyl ketones, primary amines, formaldehydes and sulfonic acids
INVENTOR(S): Brieden, Walter; Clausen, Martin; McGarrity, John; Mettler, Hanspeter; Michel, Dominique
PATENT ASSIGNEE(S): Lonza A.-G., Switz.
SOURCE: PCT Int. Appl., 38pp.
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006087166	A1	20060824	WO 2006-EP1334	20060214
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, NZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
EP 1693371	A1	20060823	EP 2005-3657	20050221
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, BA, HR, IS, YU				

PRIORITY APPLN. INFO.: EP 2005-3657 A 20050221
IT 863094-23-9P 906812-48-4P 906812-50-8P
906812-51-9P 906812-52-0P
RL: SPN (Synthetic preparation); PREP (Preparation)
(product; preparation of enantiomerically pure sulfonate salts of substituted amino alcs. and amino ketones by reacting Me ketones, primary amine, formaldehyde and sulfonic acids)
RN 863094-23-9 CAPLUS
CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)-, 4-methylbenzenesulfonate (9CI) (CA INDEX NAME)

CM 1

CRN 667465-15-8
CMF C8 H11 N O S

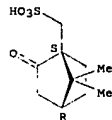


CM 2

CRN 104-15-4
CMF C7 H8 O3 S

L3 ANSWER 1 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

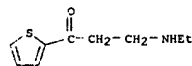
Absolute stereochemistry. Rotation (+).



RN 906812-51-9 CAPLUS
CN 1-Propanone, 3-(ethylamino)-1-(2-thienyl)-, methanesulfonate (9CI) (CA INDEX NAME)

CM 1

CRN 691848-06-3
CMF C9 H13 N O S



CM 2

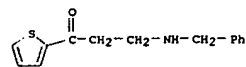
CRN 75-75-2
CMF C H4 O3 S



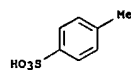
RN 906812-52-0 CAPLUS
CN 1-Propanone, 3-[(phenylmethyl)amino]-1-(2-thienyl)-, methanesulfonate (9CI) (CA INDEX NAME)

CM 1

CRN 807266-69-9
CMF C14 H15 N O S



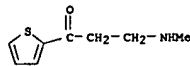
L3 ANSWER 1 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 906812-48-4 CAPLUS
CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)-, methanesulfonate (9CI) (CA INDEX NAME)

CM 1

CRN 667465-15-8
CMF C8 H11 N O S



CM 2

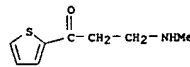
CRN 75-75-2
CMF C H4 O3 S



RN 906812-50-8 CAPLUS
CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-, (1S,4R)-, compd. with 3-(methylamino)-1-(2-thienyl)-1-propanone (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 667465-15-8
CMF C8 H11 N O S



CM 2

CRN 3144-16-9
CMF C10 H16 O4 S

L3 ANSWER 1 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

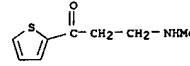
CM 2

CRN 75-75-2
CMF C H4 O3 S



IT 645411-16-1, 3-(Methylamino)-1-(2-thienyl)propan-1-one hydrochloride
RL: RCT (Reactant); RACT (Reactant or reagent)
(starting material; preparation of enantiomerically pure sulfonate salts of substituted amino alcs. and amino ketones by reacting Me ketones, primary amine, formaldehyde and sulfonic acids)

RN 645411-16-1 CAPLUS
CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

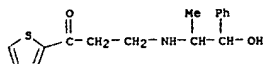
REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2006:100738 CAPLUS
DOCUMENT NUMBER: 144:198849
TITLE: Novel dosage form comprising modified-release and immediate-release active ingredients
INVENTOR(S): Vaya, Navin; Karan, Rajesh Singh; Sadanand, Sunil; Gupta, Vinod Kumar
PATENT ASSIGNEE(S): India
SOURCE: U.S. Pat. Appl. Publ., 49 pp., Cont.-in-part of U.S. Ser. No. 630,446.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2006024365	A1	20060202	US 2005-134633	20050519
IN 193042	A	20040626	IN 2002-MJ697	20020805
US 2004096499	A1	20040520	US 2003-630446	20030729

PRIORITY APPLN. INFO.:
IN 2002-MJ697 A 20020805
IN 2002-MJ699 A 20020805
IN 2003-MJ80 A 20030122
IN 2003-MJ82 A 20030122
US 2003-630446 A2 20030729

IT 28745-68-8, Thiofedrine
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(novel dosage form comprising modified-release and immediate-release active ingredients)
RN 28745-68-8 CAPLUS
CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



L3 ANSWER 3 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:1004768 CAPLUS
DOCUMENT NUMBER: 143:306546
TITLE: Preparation of peptides as inhibitors of hepatitis C virus NS3 protease
INVENTOR(S): Bogen, Stephanie L.; Pan, Weidong; Ruan, Sumel; Chen, Kevin X.; Araseppan, Ashok; Venkatesan, Srikanth; Nair, Latha G.; Sannigrahi, Mousumi; Bennett, Frank; Saksena, Anil K.; Njoroge, F. George; Giriavallabhan, Viyyoor M.
PATENT ASSIGNEE(S): Schering Corporation, USA
SOURCE: PCT Int. Appl., 570 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

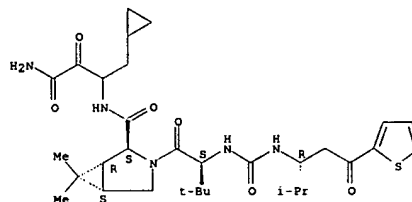
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005085275	A1	20050915	WO 2005-US6502	20050224

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RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2005267043 A1 20051201 US 2005-65572 20050224
PRIORITY APPLN. INFO.: US 2004-548251P P 20040227
OTHER SOURCE(S): MARPAT 143:306546

IT 864802-67-5P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(Preparation of peptides as inhibitors of hepatitis C virus NS3 protease)
RN 864802-67-5 CAPLUS
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]-3-[(2S)-3,3-dimethyl-2-(((1R)-1-(1-methylethyl)-3-oxo-3-(2-thienyl)propyl)amino)carbonyl]amino]-1-oxobutyl]-6,6-dimethyl-, (1R,2S,5S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L3 ANSWER 3 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
REFERENCE COUNT: 7
THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:962239 CAPLUS
DOCUMENT NUMBER: 143:266590
TITLE: Process for the preparation of enantiomerically pure 1-substituted-3-aminoalcohols
INVENTOR(S): Michel, Dominique; Mettler, Hanspeter; McGarrity, John
PATENT ASSIGNEE(S): Lonza A.-G., Switz.
SOURCE: PCT Int. Appl., 20 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

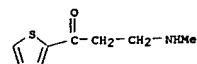
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005080370	A1	20050901	WO 2005-EP1781	20050221

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RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

EP 1566383 A1 20050824 EP 2004-3809 20040219
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
PRIORITY APPLN. INFO.: EP 2004-3809 A 20040219
EP 2004-10043 A 20040428

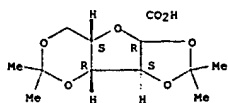
OTHER SOURCE(S): MARPAT 143:266590
IT 863094-06-8P 863094-15-9P 863094-23-9P
863094-31-9P
RL: IMF (Industrial manufacture); PUR (Purification or recovery); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(process for the preparation of enantiomerically pure 1-substituted-3-aminoalcs.)
RN 863094-06-8 CAPLUS
CN α-L-xyllo-2-Mexulofuranosonic acid, 2,3:4,6-bis-O-(1-methylethylidene)-, compd. with 3-(methylanino)-1-(2-thienyl)-1-propanone (1:1) (9CI) (CA INDEX NAME)

CH 1
CRN 667465-15-8
CMF C8 H11 N O S



CH 2
CRN 18467-77-1
CMF C12 H18 O7

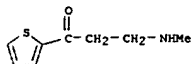
Absolute stereochemistry. Rotation (-).



RN 863094-15-9 CAPLUS
CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)-, benzoate (9CI) (CA INDEX NAME)

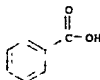
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CRN 667465-15-8
CMF C8 H11 N O S



CM 2

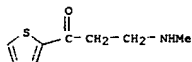
CRN 65-85-0
CMF C7 H6 O2



RN 863094-23-9 CAPLUS
CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)-, 4-methylbenzenesulfonate (9CI) (CA INDEX NAME)

CM 1

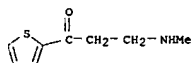
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CMF C8 H11 N O S



CM 2

CM 1

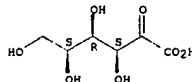
CRN 667465-15-8
CMF C8 H11 N O S



CM 2

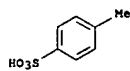
CRN 526-98-7
CMF C6 H10 O7

Absolute stereochemistry.



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

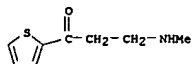
CRN 104-15-4
CMF C7 H8 O3 S



RN 863094-31-9 CAPLUS
CN Dodecanoic acid, compd. with 3-(methylamino)-1-(2-thienyl)-1-propanone (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 667465-15-8
CMF C8 H11 N O S



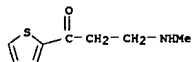
CM 2

CRN 143-07-7
CMF C12 H24 O2

HO₂C-(CH₂)₁₀-Me

IT 645411-16-1P 863094-12-6P
RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (process for the preparation of enantiomerically pure 1-substituted-3-aminoalcs.)

RN 645411-16-1 CAPLUS
CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



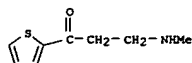
● HCl

RN 863094-12-6 CAPLUS
CN L-xyllo-2-Hexulosonic acid, compd. with 3-(methylamino)-1-(2-thienyl)-1-propanone (1:1) (9CI) (CA INDEX NAME)

ACCESSION NUMBER: 2005:901934 CAPLUS
DOCUMENT NUMBER: 143:248273
TITLE: Preparation of enantiomerically pure 1-substituted-3-amino alcohols
INVENTOR(S): Michel, Dominique
PATENT ASSIGNEE(S): Lonza A.-G., Switz.
SOURCE: Eur. Pat. Appl., 14 pp.
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1566383	A1	20050824	EP 2004-3809	20040219
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
WO 2005080370	A1	20050901	WO 2005-EP1781	20050221
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPL. INFO.:			EP 2004-3809	A 20040219
			EP 2004-10043	A 20040428

OTHER SOURCE(S): CASREACT 143:248273; MARPAT 143:248273
IT 645411-16-1P, 3-(N-Methylamino)-1-(2-thienyl)-1-propanone hydrochloride 863094-06-8P 863094-15-9P 863094-31-9P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (asym. synthesis of 1-substituted -3-amino alcs. via hydrogenation of amino ketones)
RN 645411-16-1 CAPLUS
CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)

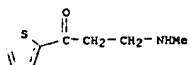


● HCl

RN 863094-06-8 CAPLUS
CN α-L-xyllo-2-Hexulofuranosonic acid, 2,3,4,6-bis-O-(1-methylethylidene)-, compd. with 3-(methylamino)-1-(2-thienyl)-1-propanone (1:1) (9CI) (CA INDEX NAME)

CM 1

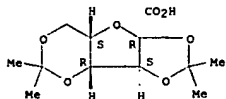
L3 ANSWER 5 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 CRN 667465-15-8
 CMF C8 H11 N O S



CM 2

CRN 18467-77-1
 CMF C12 H18 O7

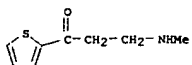
Absolute stereochemistry. Rotation (-).



RN 863094-15-9 CAPLUS
 CM 1-Propanone, 3-(methylamino)-1-(2-thienyl)-, benzoate (9CI) (CA INDEX NAME)

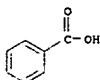
CM 1

CRN 667465-15-8
 CMF C8 H11 N O S



CM 2

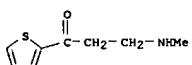
CRN 65-85-0
 CMF C7 H6 O2



RN 863094-23-9 CAPLUS
 CM 1-Propanone, 3-(methylamino)-1-(2-thienyl)-, 4-methylbenzenesulfonate (9CI) (CA INDEX NAME)

L3 ANSWER 5 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 CM 1

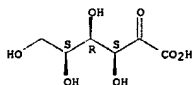
CRN 667465-15-8
 CMF C8 H11 N O S



CM 2

CRN 526-98-7
 CMF C6 H10 O7

Absolute stereochemistry.

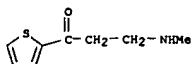


REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 5 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

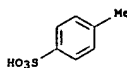
CM 1

CRN 667465-15-8
 CMF C8 H11 N O S



CM 2

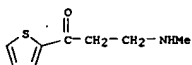
CRN 104-15-4
 CMF C7 H8 O3 S



RN 863094-31-9 CAPLUS
 CM Dodecanoic acid, compd. with 3-(methylamino)-1-(2-thienyl)-1-propanone (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 667465-15-8
 CMF C8 H11 N O S



CM 2

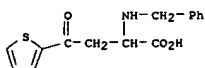
CRN 143-07-7
 CMF C12 H24 O2

HO₂C-(CH₂)₁₀-Me

IT 863094-12-6P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (asym. synthesis of 1-substituted -3-amino alcs. via hydrogenation of amino ketones)
 RN 863094-12-6 CAPLUS
 CM L-xylo-2-Hexulosonic acid, compd. with 3-(methylamino)-1-(2-thienyl)-1-propanone (1:1) (9CI) (CA INDEX NAME)

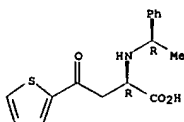
L3 ANSWER 6 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:618404 CAPLUS
 DOCUMENT NUMBER: 144:253785
 TITLE: Thienylsubstituted derivatives of α-aminobutanoic acid. Practical approach to enantiomerically pure γ-hydroxy-α-aminooctanoic and γ-hydroxy-α-aminononanoic acids
 AUTHOR(S): Berkes, Dusan; Gubala, Vladimir; Povazanec, Frantisek
 CORPORATE SOURCE: Department of Organic Chemistry, Slovak Technical University, Bratislava, SK-812 37, Slovakia
 SOURCE: International Electronic Conferences on Synthetic Organic Chemistry, 5th, 6th, Sept. 1-30, 2001 and 2002 (and) 7th, 8th, Nov. 1-30, 2003 and 2004 (2004), 1393-1404. Editor(s): Seijas, Julio A. Molecular Diversity Preservation International: Basel, Switz.
 CODEN: 69GTCO
 DOCUMENT TYPE: Conference; (computer optical disk)
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 144:253785
 IT 204910-46-3P 877475-58-6P 877475-59-7P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 [stereoselective preparation of amino(thienyl)tetrahydrofuranones via Friedel-Crafts acylation of thiophenes with maleic anhydride followed by conjugate addition of amines, asym. reduction, and cyclization in the preparation of amino(hydroxy) acids]
 RN 204910-46-3 CAPLUS
 CM 2-Thiophenebutanoic acid, γ-oxo-α-[(phenylmethyl)amino]- (9CI) (CA INDEX NAME)



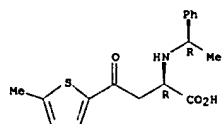
RN 877475-58-6 CAPLUS
 CM 2-Thiophenebutanoic acid, γ-oxo-α-[(1R)-1-phenylethylamino]-, (αR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



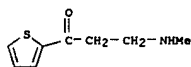
RN 877475-59-7 CAPLUS
 CM 2-Thiophenebutanoic acid, 5-methyl-γ-oxo-α-[(1R)-1-phenylethylamino]-, (αR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ACCESSION NUMBER: 2005:251916 CAPLUS
DOCUMENT NUMBER: 142:481782
TITLE: Practical synthesis of enantiopure γ -amino alcohols by rhodium-catalyzed asymmetric hydrogenation of β -secondary-amino ketones
AUTHOR(S): Liu, Duan; Gao, Wenzhong; Wang, Chunjiang; Zhang, Xumu
CORPORATE SOURCE: Department of Chemistry, The Pennsylvania State University, University Park, PA, 16802, USA
SOURCE: Angewandte Chemie, International Edition (2005), 44(11), 1687-1689
CODEN: ACIEF5; ISSN: 1433-7851
PUBLISHER: Wiley-VCH Verlag GmbH & Co. KGaA
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 142:481782
IT 645411-16-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of chiral [(methylamino)ethyl]arenemethanol by bis(di(methyl)ethyl)tetra(hydro)-1,1'-bi-1H-isophosphindole-rhodium-catalyzed stereoselective hydrogenation using (aryl) [(methyl)amino]propanone hydrochloride as synthetic intermediate)
RN 645411-16-1 CAPLUS
CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)

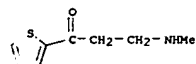


● HCl

ACCESSION NUMBER: 2005:181066 CAPLUS
DOCUMENT NUMBER: 142:280046
TITLE: Process for the asymmetric hydrogenation of β -amino ketones using transition metal complexes of chiral bidentate phosphines as catalysts.
PATENT ASSIGNEE(S): Lonza AG, Switz.
SOURCE: Eur. Pat. Appl., 15 pp.
CODEN: EPXKDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

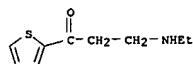
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1510517	A1	20050302	EP 2003-77734	20030901
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
AU 2004268057	A1	20050310	AU 2004-268057	20040831
WO 2005021527	A2	20050310	WO 2004-EP9690	20040831
WO 2005021527	A3	20050714		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1664014	A2	20060607	EP 2004-764655	20040831
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
NO 2006000763	A	20060317	NO 2006-763	20060217
PRIORITY APPL. INFO.:			EP 2003-77734	A 20030901
			WO 2004-EP9690	W 20040831

OTHER SOURCE(S): CASREACT 142:280046; MARPAT 142:280046
IT 645411-16-1P 645411-17-2P 645411-18-3P
645411-19-4P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(asym. hydrogenation of aminoketones using transition metal complexes of chiral bidentate phosphines as catalysts)
RN 645411-16-1 CAPLUS
CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



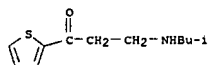
● HCl

RN 645411-17-2 CAPLUS
CN 1-Propanone, 3-(ethylamino)-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



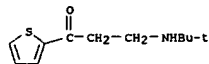
● HCl

RN 645411-18-3 CAPLUS
CN 1-Propanone, 3-[(2-methylpropyl)amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 645411-19-4 CAPLUS
CN 1-Propanone, 3-[(1,1-dimethylethyl)amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

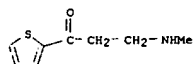
L3 ANSWER 9 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2004:870926 CAPLUS
 DOCUMENT NUMBER: 141:348875
 TITLE: L-carnitine dehydrogenase and microorganisms producing L-carnitine dehydrogenase and their use in production of substituted (S)-alkanols
 INVENTOR(S): Althoefer, Henning; Kesseler, Maria
 PATENT ASSIGNEE(S): BASF A.-G., Germany
 SOURCE: Ger. Offen., 41 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10315760	A1	20041021	DE 2003-10315760	20030407
CA 2521288	AA	20041021	CA 2004-2521288	20040406
WO 2004090094	A2	20041021	WO 2004-EP3655	20040406
WO 2004090094	A3	20050317		

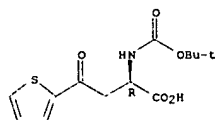
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, GU, HD, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

EP 1613745 A2 20060111 EP 2004-725924 20040406
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR
 CN 1771323 A 20060510 CN 2004-80009243 20040406
 US 2006211099 A1 20060921 US 2005-552218 20051006
 DE 2003-10315760 A 20030407
 WO 2004-EP3655 W 20040406

PRIORITY APPLN. INFO.: CASREACT 141:348875
 OTHER SOURCE(S):
 IT 667465-15-8
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (1-carnitine dehydrogenase and microorganisms producing L-carnitine dehydrogenase and their use in production of substituted (S)-alkanols)
 RN 667465-15-8 CAPLUS
 CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)- (9CI) (CA INDEX NAME)



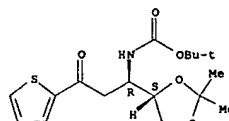
L3 ANSWER 10 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 Absolute stereochemistry.



REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

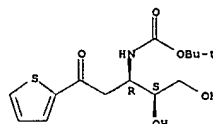
L3 ANSWER 10 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2004:626166 CAPLUS
 DOCUMENT NUMBER: 141:296283
 TITLE: Stereoselective synthesis and preliminary evaluation of new -3-heteroarylcarbonylalanines as ligands of the NMDA receptor
 AUTHOR(S): Lima, Paulo G.; Caruso, Rodrigo R. B.; Alves, Simone O.; Pessoa, Renata F.; Mendonca-Silva, Dayle L.; Nunes, Ricardo J.; Noel, Francois; Castro, Newton G.; Costa, Paulo R. R.
 CORPORATE SOURCE: Laboratorio de Quimica Bioorganica, Nucleo de Pesquisas de Produtos Naturais, Centro de Ciencias da Saude, Bloco J, Universidade Federal do Rio de Janeiro, Rio de Janeiro, 21941-590, Brazil
 SOURCE: Bioorganic & Medicinal Chemistry Letters (2004), 14(17), 4399-4403
 CODEN: BMCLE8; ISSN: 0960-894X
 PUBLISHER: Elsevier B.V.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 141:296283
 IT 764715-63-1P 764715-65-3P 764715-66-4P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (asym. synthesis of heteroarylcarbonylalanines via stereoselective conjugate addition of benzylamine to enolate prepared from mannitol as NMDA receptor ligands)
 RN 764715-63-1 CAPLUS
 CN Carbamic acid, [(1R)-1-[(4S)-2,2-dimethyl-1,3-dioxolan-4-yl]-3-oxo-3-(2-thienyl)propyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 764715-65-3 CAPLUS
 CN Carbamic acid, [(1R,2S)-2,3-dihydroxy-1-[2-oxo-2-(2-thienyl)ethyl]propyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 764715-66-4 CAPLUS
 CN 2-Thiophenebutanoic acid, alpha-[(1,1-dimethylethoxy)carbonylamino]-gamma-oxo-, (alpha)- (9CI) (CA INDEX NAME)

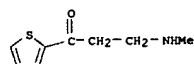
Applicant's Patent

L3 ANSWER 11 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2004:605494 CAPLUS
 DOCUMENT NUMBER: 141:140312
 TITLE: 3-Methylamino-1-(2-thienyl)-1-propanone preparation and its use as a pharmaceutical intermediate
 BASF AG, Germany
 Ger. Offen., 4 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10302595	A1	20040729	DE 2003-10302595	20030122
CA 2513542	AA	20040805	CA 2004-2513542	20040115
WO 2004065376	A1	20040805	WO 2004-EP237	20040115

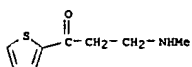
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, GU, HD, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ
 EP 1587802 A1 20051026 EP 2004-702333 20040115
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
 CN 1742003 A 20060301 CN 2004-80002686 20040115
 JP 2006515878 T2 20060608 JP 2006-500570 20040115
 US 2006128791 A1 20060615 US 2005-542003 20050712
 DE 2003-10302595 A 20030122
 WO 2004-EP237 W 20040115

PRIORITY APPLN. INFO.:
 IT 645411-16-1P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (3-methylamino-1-(2-thienyl)-1-propanone preparation and its use as a pharmaceutical intermediate)
 RN 645411-16-1 CAPLUS
 CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

IT 667465-15-8P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of)
 RN 667465-15-8 CAPLUS
 CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)- (9CI) (CA INDEX NAME)



ACCESSION NUMBER: 2004:308427 CAPLUS

DOCUMENT NUMBER: 140:321232

TITLE: Preparation of optically active 3-amino-1-(2-thienyl)-1-propanols via reduction of 3-amino-1-(2-thienyl)-1-propanones using a hydrogen donor in the presence of a metal catalyst, an optically active nitrogen-containing ligand and optionally a base

INVENTOR(S): Fuchs, Rudolf; Michel, Dominique; Brieden, Walter

PATENT ASSIGNEE(S): Lonza A.-G., Switz.

SOURCE: PCT Int. Appl., 25 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004031168	A2	20040415	WO 2003-EP11073	20031007
WO 2004031168	A3	20040826		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2003270666	A1	20040423	AU 2003-276066	20031007

PRIORITY APPL. INFO.: EP 2002-22540 A 20021007

WO 2003-EP11073 W 20031007

OTHER SOURCE(S): CASREACT 140:321232; MARPAT 140:321232

IT 645411-16-1P, 3-N-Methylamino-1-(2-thienyl)-1-propanone

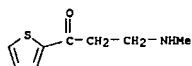
hydrochloride

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(Preparation of optically active aminothiethylpropanols via reduction of aminothiethylpropanones using a hydrogen donor in the presence of a metal catalyst, an optically active N-containing ligand and a base)

RN 645411-16-1 CAPLUS

CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

ACCESSION NUMBER: 2004:203795 CAPLUS

DOCUMENT NUMBER: 140:253262

TITLE: Method for the preparation amino alcohols via the enantioselective hydrogenation of amino ketones

INVENTOR(S): Kralik, Joachim; Fabian, Kai; Muermann, Christoph; Schweickert, Norbert

PATENT ASSIGNEE(S): Merck Patent G.m.b.H., Germany

SOURCE: PCT Int. Appl., 27 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004020389	A1	20040311	WO 2003-EP8513	20030801
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SJ, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2496883	AA	20040311	CA 2003-2496883	20030801
AU 2003260347	A1	20040319	AU 2003-260347	20030801
EP 1532100	A1	20050525	EP 2003-790842	20030801
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
BR 2003013795	A	20050712	BR 2003-13795	20030801
CN 1678562	A	20051005	CN 2003-820304	20030801
JP 2005536556	T2	20051202	JP 2004-531845	20030801
US 2005261514	A1	20051124	US 2005-525821	20050225
ZA 200502458	A	20051010	ZA 2005-2458	20050324

PRIORITY APPL. INFO.: DE 2002-10240025 A 20020827

WO 2003-EP8513 W 20030801

OTHER SOURCE(S): CASREACT 140:253262; MARPAT 140:253262

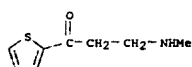
IT 667465-15-8, 3-(Methylamino)-1-(2-thienyl)-1-propanone

RL: RCT (Reactant); RACT (Reactant or reagent)

(enantioselective hydrogenation of; preparation amino alcs. via the enantioselective hydrogenation of amino ketones with chiral diphosphine ligands)

RN 667465-15-8 CAPLUS

CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 2

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ACCESSION NUMBER: 2004:198214 CAPLUS

DOCUMENT NUMBER: 140:235592

TITLE: Process for the preparation of monoalkylaminoethyl aryl ketones from bis(arylcarbonyl)alkylamines.

INVENTOR(S): Merck Patent G.m.b.H., Germany

PATENT ASSIGNEE(S): Ger. Offen., 7 pp.

CODEN: GNOXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10240026	A1	20040311	DE 2002-10240026	20020827
CA 2497028	AA	20040311	CA 2003-2497028	20030801
WO 2004020391	A1	20040311	WO 2003-EP8514	20030801
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SJ, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2003260348	A1	20040319	AU 2003-260348	20030801
EP 1532101	A1	20050525	EP 2003-790843	20030801
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
BR 2003013796	A	20050927	BR 2003-13796	20030801
CN 1678564	A	20051005	CN 2003-820305	20030801
JP 2005536557	T2	20051202	JP 2004-531846	20030801
US 2005122405	A1	20060608	US 2005-525820	20050225
ZA 200502457	A	20051025	ZA 2005-2457	20050324

PRIORITY APPL. INFO.: DE 2002-10240026 A 20020827

WO 2003-EP8514 W 20030801

OTHER SOURCE(S): CASREACT 140:235592; MARPAT 140:235592

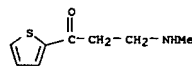
IT 667465-15-8P

RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)

(Preparation of monoalkylaminoethyl aryl ketones from bis(arylcarbonyl)alkylamines)

RN 667465-15-8 CAPLUS

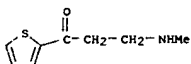
CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)- (9CI) (CA INDEX NAME)



L3 ANSWER 15 OF 36 CAPLUS COPYRIGHT 2006 ACS ON STN
ACCESSION NUMBER: 2004:41488 CAPLUS
DOCUMENT NUMBER: 140:93915
TITLE: Process for the preparation of optically active
3-N-methylamino-1-(2-thienyl)-1-propanol
INVENTOR(S): Michel, Dominique
PATENT ASSIGNEE(S): Lonza A.-G., Switz.
SOURCE: PCT Int. Appl., 34 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004005307	A1	20040115	WO 2003-EP7312	20030708
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SI, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003253036	A1	20040123	AU 2003-253036	20030708
PRIORITY APPLN. INFO.: EP 2002-15161 A 20020709 WO 2003-EP7312 W 20030708				

OTHER SOURCE(S): CASREACT 140:93915; MARPAT 140:93915
IT 645411-16-1P, 3-(N-Methylamino)-1-(2-thienyl)-1-propanone hydrochloride
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; preparation of optically active N-methylamino(thienyl)propanol by optical resolution via formation of diastereomer salts with 2,3,4,6-di-O-isopropylidene-2-ketogulonic acid)
RN 645411-16-1 CAPLUS
CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



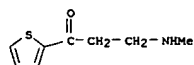
● HCl

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 16 OF 36 CAPLUS COPYRIGHT 2006 ACS ON STN
ACCESSION NUMBER: 2004:41430 CAPLUS
DOCUMENT NUMBER: 140:93914
TITLE: Process for the preparation of N-monosubstituted
β-amino alcohols
INVENTOR(S): Michel, Dominique
PATENT ASSIGNEE(S): Lonza A.-G., Switz.
SOURCE: PCT Int. Appl., 28 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

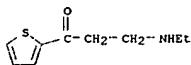
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004005239	A1	20040115	WO 2003-EP7411	20030709
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SI, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2491472	AA	20040115	CA 2003-2491472	20030709
AU 2003250924	A1	20040123	AU 2003-250924	20030709
BR 2003012651	A	20050426	BR 2003-12651	20030709
EP 1539673	A1	20050615	EP 2003-762669	20030709
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, NO, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
CN 1665773	A	20050907	CN 2003-816223	20030709
JP 2005532383	T2	20051027	JP 2004-518758	20030709
NO 2005000079	A	20050311	NO 2005-79	20050106
US 2005256318	A1	20051117	US 2005-520362	20050418
PRIORITY APPLN. INFO.: EP 2002-15229 A 20020709 WO 2003-EP7411 W 20030709				

OTHER SOURCE(S): CASREACT 140:93914; MARPAT 140:93914
IT 645411-16-1P, 3-(Methylamino)-1-(thiophen-2-yl)propan-1-one hydrochloride 645411-17-2P, 3-(Ethylamino)-1-(thiophen-2-yl)propan-1-one hydrochloride 645411-18-3P, 3-(Isobutylamino)-1-(thiophen-2-yl)propan-1-one hydrochloride 645411-19-4P, 3-(tert-Butylamino)-1-(thiophen-2-yl)propan-1-one hydrochloride
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; process for preparation of N-monosubstituted β-amino alcs. by reduction of N-monosubstituted β-amino ketones)
RN 645411-16-1 CAPLUS
CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



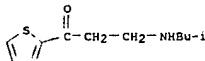
● HCl

L3 ANSWER 16 OF 36 CAPLUS COPYRIGHT 2006 ACS ON STN (Continued)
RN 645411-17-2 CAPLUS
CN 1-Propanone, 3-(ethylamino)-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



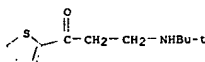
● HCl

RN 645411-18-3 CAPLUS
CN 1-Propanone, 3-[(2-methylpropyl)amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

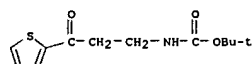
RN 645411-19-4 CAPLUS
CN 1-Propanone, 3-[(1,1-dimethylethyl)amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

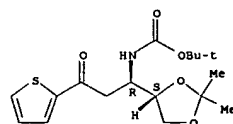
REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 17 OF 36 CAPLUS COPYRIGHT 2006 ACS ON STN
ACCESSION NUMBER: 2001:330712 CAPLUS
DOCUMENT NUMBER: 135:137374
TITLE: Synthesis of β-amino aryl ketones through the addition of ArLi derivatives to β-amino esters
Lima, P. G.; Sequeira, L. C.; Costa, P. R.
Núcleo de Pesquisas de Produtos Naturais, Laboratório de Química Bioorgânica (LQB), Universidade Federal do Rio de Janeiro (UFRJ), Rio de Janeiro, 21941-590, Brazil
SOURCE: Tetrahedron Letters (2001), 42(21), 3525-3527
CODEN: TELEAY; ISSN: 0040-4039
PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 135:137374
IT 351901-55-8P 351901-56-9P
RL: SPN (Synthetic preparation); PREP (Preparation)
(synthesis of β-amino aryl ketones through the addition of aryllithium derivs. to β-amino esters)
RN 351901-55-8 CAPLUS
CN Carbanic acid, [3-oxo-3-(2-thienyl)propyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



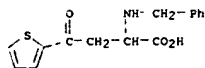
RN 351901-56-9 CAPLUS
CN threo-Pentose, 2,3-dideoxy-3-[[[(1,1-dimethylethoxy)carbonyl]amino]-4,5-O-(1-methylethylidene)-1-C-2-thienyl]- (9CI) (CA INDEX NAME)

Relative stereochemistry.

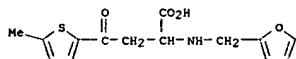


REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 18 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2000:471573 CAPLUS
 DOCUMENT NUMBER: 133:238268
 TITLE: Stereoselective sodium borohydride reduction, catalyzed by manganese(II) chloride, of γ -oxo- α -amino acids. A practical approach to syn- γ -hydroxy- α -amino acids
 AUTHOR(S): Berkes, Dusan; Kolarovic, Andrej; Povazanec, Frantisek
 CORPORATE SOURCE: Department of Organic Chemistry, Slovak Technical University, Bratislava, SK-812 37, Slovakia
 SOURCE: Tetrahedron Letters (2000), 41(27), 5257-5260
 CODEN: TETLEA; ISSN: 0040-4039
 PUBLISHER: Elsevier Science Ltd.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 133:238268
 IT 204910-46-3P 293309-47-4P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of syn- γ -hydroxy- α -amino acids by stereoselective sodium borohydride reduction of γ -oxo- α -amino acids catalyzed by manganese(II) chloride)
 RN 204910-46-3 CAPLUS
 CN 2-Thiophenebutanoic acid, γ -oxo- α -[(phenylmethyl)amino]- (9CI) (CA INDEX NAME)

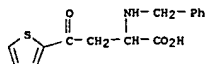


RN 293309-47-4 CAPLUS
 CN 2-Thiophenebutanoic acid, α -[(2-furanylmethyl)amino]-5-methyl- γ -oxo- (9CI) (CA INDEX NAME)

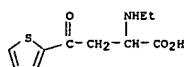


REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 19 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1998:213733 CAPLUS
 DOCUMENT NUMBER: 128:243902
 TITLE: Some cyclization reactions with β -thienoylacrylic acid as possible antimicrobial agents
 AUTHOR(S): Salman, Asmaa Said Salem
 CORPORATE SOURCE: Chemistry Department, Faculty of Science, Girls Branch, Al-Azhar University, Naar, Egypt
 SOURCE: Al-Azhar Bulletin of Science (1996), 7(2), 1179-1189
 CODEN: ABSCE7; ISSN: 1110-2535
 PUBLISHER: Al-Azhar University, Faculty of Science
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 204910-46-3P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and antibacterial and antifungal activities of thienoylacrylic acid derivs.)
 RN 204910-46-3 CAPLUS
 CN 2-Thiophenebutanoic acid, γ -oxo- α -[(phenylmethyl)amino]- (9CI) (CA INDEX NAME)

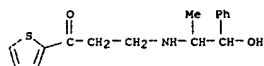


IT 204910-36-1P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation and antibacterial and antifungal activities of thienoylacrylic acid derivs.)
 RN 204910-36-1 CAPLUS
 CN 2-Thiophenebutanoic acid, α -(ethylamino)- γ -oxo- (9CI) (CA INDEX NAME)



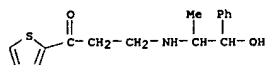
REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 20 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1996:491939 CAPLUS
 DOCUMENT NUMBER: 125:212183
 TITLE: Effects of thiofedrine on platelet aggregation, thromboxane B2 and 6-keto-PGF α in rats
 AUTHOR(S): Qu, Yun-Zhi; Wang, Yue-E.; Li, Xi-Xian
 CORPORATE SOURCE: Department Pharmacology, Inner Mongolia Medical College, Huhhot, Peop. Rep. China
 SOURCE: Methods and Findings in Experimental and Clinical Pharmacology (1996), 18(5), 297-300
 CODEN: MFEPDX; ISSN: 0379-0355
 PUBLISHER: Prous
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 28745-69-9, 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)-hydrochloride
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
 (effects of thiofedrine on platelet aggregation, thromboxane B2 and 6-keto-PGF α in rats)
 RN 28745-69-9 CAPLUS
 CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)-hydrochloride (9CI) (CA INDEX NAME)

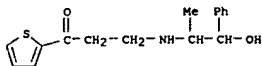


● HCl

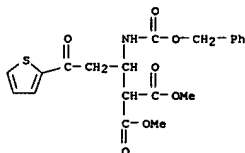
L3 ANSWER 21 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1994:692291 CAPLUS
 DOCUMENT NUMBER: 121:292291
 TITLE: Influence of thiofedrine on platelet aggregation, intraplatelet cyclic AMP and malondialdehyde in rats
 AUTHOR(S): Qu, Yun-Zhi; Li, Xi-Xian
 CORPORATE SOURCE: Dep. Pharmacol., Inner Mongolia Medical College, Huhhot, Peop. Rep. China
 SOURCE: Methods and Findings in Experimental and Clinical Pharmacology (1994), 16(4), 253-6
 CODEN: MFEPDX; ISSN: 0379-0355
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 28745-68-8
 RL: BIOL (Biological study)
 (platelet aggregation inhibitor)
 RN 28745-68-8 CAPLUS
 CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



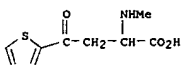
L3 ANSWER 22 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1994:645672 CAPLUS
 DOCUMENT NUMBER: 121:245672
 TITLE: Effects of thiofedrine on thrombosis in rats
 AUTHOR(S): Qu, Yunzhi; Li, Daping; Pan, Jie; Li, Xixian; Zhang, Wenxing
 CORPORATE SOURCE: Dep. Pharmacology, Innex Mongolia Med. Coll., Huhhot, 010059, Peop. Rep. China
 SOURCE: Zhongguo Yiyao Gongye Zazhi (1994), 25(4), 170-2
 CODEN: ZYGZEA; ISSN: 1001-8255
 DOCUMENT TYPE: Journal
 LANGUAGE: Chinese
 IT 28745-68-8 Thiofedrine
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (thiofedrine inhibition of thrombosis in coronary heart disease)
 RN 28745-68-8 CAPLUS
 CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



L3 ANSWER 23 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1991:535148 CAPLUS
 DOCUMENT NUMBER: 115:135148
 TITLE: Palladium(II)-assisted dialkylation and alkylation/acylation of optically active ene carbamates via trialkylorganostannane cross-coupling and carbonylative coupling processes
 AUTHOR(S): Masters, John J.; Hegedus, Louis S.; Tamariz, Joaquin
 CORPORATE SOURCE: Dep. Chem., Colorado State Univ., Fort Collins, CO, 80523, USA
 SOURCE: Journal of Organic Chemistry (1991), 56(19), 5666-71
 CODEN: JOCEAH; ISSN: 0022-3263
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 115:135148
 IT 135741-08-1P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 135741-08-1 CAPLUS
 CN Propanedioic acid, [3-oxo-1-[(phenylmethoxy)carbonyl]amino]-3-(2-thienyl)propyl]-, dimethyl ester (9CI) (CA INDEX NAME)



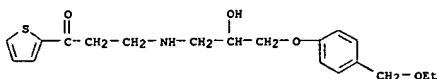
L3 ANSWER 24 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1981:156662 CAPLUS
 DOCUMENT NUMBER: 94:156662
 TITLE: Reaction of β -thenoylacrylic acid with some nucleophilic reagents
 AUTHOR(S): Grigoryan, G. V.; Agbalyan, S. G.
 CORPORATE SOURCE: Inst. Org. Khim., Yerevan, USSR
 SOURCE: Armyanskii Khimicheskii Zhurnal (1980), 33(10), 856-61
 CODEN: AYKZAN; ISSN: 0515-9628
 DOCUMENT TYPE: Journal
 LANGUAGE: Russian
 OTHER SOURCE(S): CASREACT 94:156662
 IT 77253-25-9P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 77253-25-9 CAPLUS
 CN 2-Thiophenebutanoic acid, α -(methylamino)- γ -oxo- (9CI) (CA INDEX NAME)



L3 ANSWER 25 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1978:105151 CAPLUS
 DOCUMENT NUMBER: 88:105151
 TITLE: 1-Phenoxy-3-aminopropan-2-ol derivatives and their acid addition salts
 PATENT ASSIGNEE(S): Cassella Farbwerke Mainkur A.-G., Fed. Rep. Ger.
 SOURCE: Austrian, 14 pp.
 CODEN: AUKXAK
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
AT 339305	B	19771010	AT 1974-10164	19741219
AT 7410164	A	19770215		
US 4088764	A	19780509	US 1974-531344	19741210
FI 7403631	A	19750628	FI 1974-3631	19741216
NO 7404530	A	19750630	NO 1974-4530	19741216
SE 7415761	A	19750630	SE 1974-15761	19741216
DK 7406547	A	19750825	DK 1974-6547	19741216
DD 117071	C	19751220	DD 1974-183198	19741219
ZA 7408082	A	19760128	ZA 1974-8082	19741219
SU 559643	D	19770525	SU 1974-2085461	19741219
SU 598557	D	19780315	SU 1974-2085234	19741219
HU 171726	P	19780328	HU 1974-CA376	19741219
CA 1047512	A1	19790130	CA 1974-216421	19741219
US 4066768	A	19780103	US 1976-669995	19760324
PRIORITY APPL. INFO.:			LU 1973-34590	A 19731227
			US 1974-531344	A2 19741210

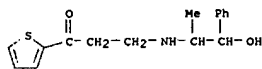
IT 65752-91-2
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reduction of)
 RN 65752-91-2 CAPLUS
 CN 1-Propanone, 3-[[3-[4-(ethoxymethyl)phenoxy]-2-hydroxypropyl]amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



L3 ANSWER 26 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1975:443189 CAPLUS
 DOCUMENT NUMBER: 83:43189
 TITLE: Indole aminoketones
 INVENTOR(S): Posselt, Klaus; Thiele, Kurt
 PATENT ASSIGNEE(S): Deutsche Gold- und Silber-Scheideanstalt vorm.
 Roessler, Fed. Rep. Ger.
 SOURCE: U.S., 8 pp. Continuation-in-part of U. S. 3,658,845
 (CA 77:19630s).
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 5
 PATENT INFORMATION:

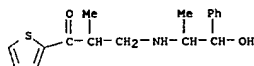
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3859305	A	19750107	US 1971-137575	19710426
US 3514465	A	19700526	US 1967-693138	19671226
US 3658845	A	19720425	US 1970-18300	19700310
			US 1967-693138	A3 19671226
			US 1970-18300	A2 19700310
			DE 1966-D51910	A 19661230
			DE 1966-D51911	A 19661230

PRIORITY APPLN. INFO.:
 IT 28745-69-9P 28745-89-3P 28763-18-0P
 38977-57-0P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 28745-69-9 CAPLUS
 CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)-,
 hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 28745-89-3 CAPLUS
 CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-2-methyl-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



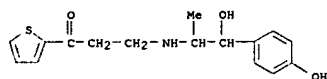
● HCl

RN 28763-18-0 CAPLUS
 CN 1-Propanone, 3-[(2-(3-fluoro-4-methoxyphenyl)-2-hydroxy-1-methylethyl)amino]-1-(2-thienyl)-, hydrochloride, (+)- (9CI) (CA INDEX NAME)

L3 ANSWER 27 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1974:413378 CAPLUS
 DOCUMENT NUMBER: 81:13378
 TITLE: 3-(3-[1-(4-Hydroxyphenyl)-1-hydroxypropyl-(2)-amino]-propionyl-thiophene
 INVENTOR(S): Posselt, Klaus
 PATENT ASSIGNEE(S): Deutsche Gold- und Silber-Scheideanstalt vorm.
 Roessler
 SOURCE: U.S., 5 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

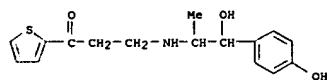
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3803173	A	19740409	US 1971-137576	19710426
			US 1971-137576	A 19710426

PRIORITY APPLN. INFO.:
 IT 35056-56-5P 35056-57-6P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 35056-56-5 CAPLUS
 CN 1-Propanone, 3-[(2-hydroxy-2-(4-hydroxyphenyl)-1-methylethyl)amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)

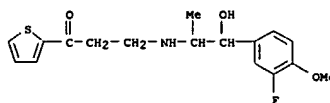


● HCl

RN 35056-57-6 CAPLUS
 CN 1-Propanone, 3-[(2-hydroxy-2-(4-hydroxyphenyl)-1-methylethyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)

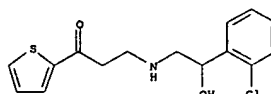


L3 ANSWER 26 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

RN 38977-57-0 CAPLUS
 CN 1-Propanone, 3-[(2-(2-chlorophenyl)-2-hydroxyethyl)amino]-1-(2-thienyl)-,
 hydrochloride (9CI) (CA INDEX NAME)

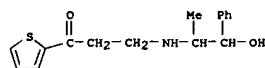


● HCl

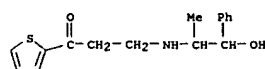
L3 ANSWER 28 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1973:136051 CAPLUS
 DOCUMENT NUMBER: 78:136051
 TITLE: 2-3-Phenyl-3(hydroxypropylamino) ethyl-3-thienyl
 Ketone
 INVENTOR(S): Posselt, Klaus; Thiele, Kurt
 SOURCE: U.S., 7 pp. Continuation-in-part of U.S. 3,514,465 (CA
 73:7724n).
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 5
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3715369	A	19730206	US 1970-23455	19700327
DE 1670547	A	19701112	DE 1966-D51911	19661230
DE 1543538	A1	19760205	DE 1966-D51910	19661230
US 3514465	A	19700526	US 1967-693138	19671226
			DE 1966-D51911	A 19661230
			US 1967-693138	A 19671226
			DE 1966-D51910	19661230

PRIORITY APPLN. INFO.:
 IT 28745-68-8P 28745-69-9P 28745-89-3P
 28763-18-0P 38977-57-0P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 28745-68-8 CAPLUS
 CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)-,
 hydrochloride (9CI) (CA INDEX NAME)

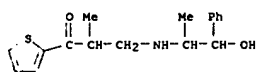


RN 28745-69-9 CAPLUS
 CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)-,
 hydrochloride (9CI) (CA INDEX NAME)



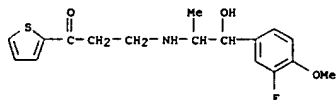
● HCl

RN 28745-89-3 CAPLUS
 CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-2-methyl-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



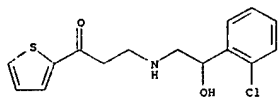
● HCl

RN 28763-18-0 CAPLUS
CN 1-Propanone, 3-[(2-(3-fluoro-4-methoxyphenyl)-2-hydroxy-1-methylethyl)amino]-1-(2-thienyl)-, hydrochloride, (+)- (9CI) (CA INDEX NAME)



● HCl

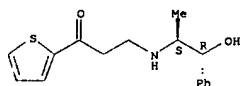
RN 38977-57-0 CAPLUS
CN 1-Propanone, 3-[(2-(2-chlorophenyl)-2-hydroxyethyl)amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

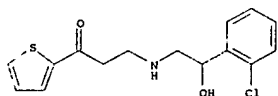
L3 ANSWER 29 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
CN 1-Propanone, 3-[(2-(2-hydroxy-1-methyl-2-phenylethyl)amino)-1-(2-thienyl)-, hydrochloride, {R-(R*,S*)}- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

RN 38977-57-0 CAPLUS
CN 1-Propanone, 3-[(2-(2-chlorophenyl)-2-hydroxyethyl)amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

L3 ANSWER 29 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1972:552179 CAPLUS
DOCUMENT NUMBER: 77:152179
TITLE: Pyrazole and pyrazolinone amino ketones
INVENTOR(S): Posselt, Klaus; Enkheim, Bergen; Thiele, Kurt
PATENT ASSIGNEE(S): deut ge
SOURCE: U.S., 6 pp. Continuation-in-part of U.S. 3,514,465 (CA 76:72214n).
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3686206	A	19720822	US 1970-19511	19700313
DE 1670547	A	19701112	DE 1966-D51911	19661230
DE 1543538	A1	19760205	DE 1966-D51910	19661230
FR 8021	M	19700803	FR 1967-8021	19671229
GB 1203810	A	19700903	GB 1967-1203810	19671229
AT 286978	B	19710111	AT 1967-11809	19671229
			DE 1966-D51910	A 19661230
			DE 1966-D51911	A 19661230

PRIORITY APPLN. INFO.:

IT 28745-89-3P 28763-18-OP 35576-10-4P

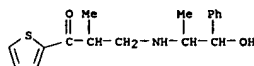
38977-57-OP

RL: SPN (Synthetic preparation); PREP (Preparation of)

(preparation of)

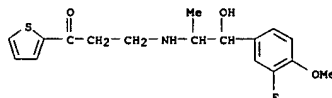
RN 28745-89-3 CAPLUS

CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-2-methyl-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 28763-18-0 CAPLUS
CN 1-Propanone, 3-[(2-(3-fluoro-4-methoxyphenyl)-2-hydroxy-1-methylethyl)amino]-1-(2-thienyl)-, hydrochloride, (+)- (9CI) (CA INDEX NAME)



● HCl

RN 35576-10-4 CAPLUS

L3 ANSWER 30 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1972:419630 CAPLUS
DOCUMENT NUMBER: 77:19630
TITLE: Benzothiophene amino ketones and amino alcohols
INVENTOR(S): Posselt, Klaus; Thiele, Kurt
PATENT ASSIGNEE(S): Deutsche Gold- und Silber-Scheideanstalt vorm. Roessler
SOURCE: U.S., 5 pp. Division of U.S. 3,514,465 (CA 73:77214m).
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3658845	A	19720425	US 1970-18300	19700310
DE 1670547	A	19701112	DE 1966-D51911	19661230
DE 1543538	A1	19760205	DE 1966-D51910	19661230
FR 8021	M	19700803	FR 1967-8021	19671229
GB 1203810	A	19700903	GB 1967-1203810	19671229
AT 286978	B	19710111	AT 1967-11809	19671229
US 3859305	A	19750107	US 1971-137575	19710426
			DE 1966-D51910	A 19661230
			DE 1966-D51911	A 19661230
			US 1967-693138	A3 19671226
			US 1970-18300	A2 19700310

PRIORITY APPLN. INFO.:

IT 28745-89-3P 28763-18-OP 35576-10-4P

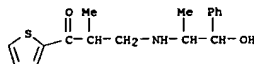
37421-99-1P

RL: SPN (Synthetic preparation); PREP (Preparation of)

(preparation of)

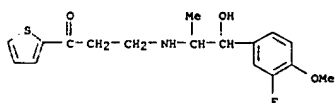
RN 28745-89-3 CAPLUS

CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-2-methyl-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

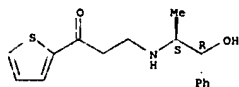
RN 28763-18-0 CAPLUS
CN 1-Propanone, 3-[(2-(3-fluoro-4-methoxyphenyl)-2-hydroxy-1-methylethyl)amino]-1-(2-thienyl)-, hydrochloride, (+)- (9CI) (CA INDEX NAME)



● HCl

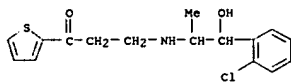
RN 35576-10-4 CAPLUS
CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)-, hydrochloride, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

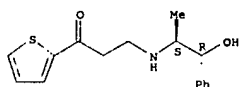


● HCl

RN 37421-99-1 CAPLUS
CN 1-Propanone, 3-[(2-(2-chlorophenyl)-2-hydroxy-1-methylethyl)amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



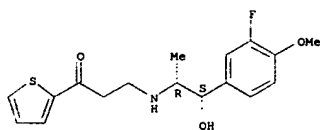
● HCl



● HCl

RN 35580-26-8 CAPLUS
CN 1-Propanone, 3-[(2-(3-fluoro-4-methoxyphenyl)-2-hydroxy-1-methylethyl)amino]-1-(2-thienyl)-, hydrochloride, (R*,S*)- (9CI) (CA INDEX NAME)

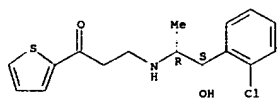
Relative stereochemistry.



● HCl

RN 35580-29-1 CAPLUS
CN 1-Propanone, 3-[(2-(2-chlorophenyl)-2-hydroxy-1-methylethyl)amino]-1-(2-thienyl)-, hydrochloride, (R*,S*)- (9CI) (CA INDEX NAME)

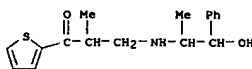
Relative stereochemistry.



● HCl

L3 ANSWER 31 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1972:113205 CAPLUS
DOCUMENT NUMBER: 76:113205
TITLE: Thiazolyl and pyridyl amino alcohols
INVENTOR(S): Posselt, Klaus; Thiele, Kurt
PATENT ASSIGNEE(S): Deutsche Gold- und Silber-Scheideanstalt vorm. Roessler
SOURCE: U.S., 6 pp. Continuation-in-part of U.S. 3,514,465 (CA 73:77214n).
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

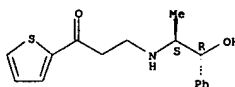
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3631055	A	19711228	US 1970-18279	19700310
PRIORITY APPLN. INFO.:				
IT 28745-89-3P	35576-09-1P	35576-10-4P	US 1970-18279	A 19700310
35580-26-8P	35580-29-1P			
RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)				
RN 28745-89-3	CAPLUS			
CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-2-methyl-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)				



● HCl

RN 35576-09-1 CAPLUS
CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)-, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

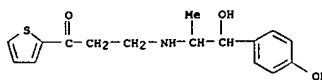


RN 35576-10-4 CAPLUS
CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)-, hydrochloride, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

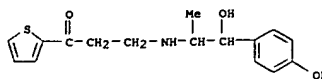
L3 ANSWER 32 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1972:59440 CAPLUS
DOCUMENT NUMBER: 76:59440
TITLE: 3-(2-(p-Hydroxyphenyl)-2-hydroxy-1-methylethylamino)propionyl-substituted indoles, (benzo)furan, and (benzo)thiophenes
INVENTOR(S): Posselt, Klaus
PATENT ASSIGNEE(S): Deutsche Gold- und Silber-Scheideanstalt vorm. Roessler
SOURCE: Ger. Offen., 23 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2121104	A	19711111	DE 1971-2121104	19710429
AT 306710	B	19730425	AT 1970-3964	19700430
CH 555333	A	19741031	CH 1971-4582	19710330
FR 2092114	A5	19720121	FR 1971-15375	19710429
FR 2092114	B1	19740823		
JP 55029978	B4	19800807	JP 1972-42562	19720426
PRIORITY APPLN. INFO.:				
IT 35056-56-5P	35056-57-6P		AT 1970-3964	A 19700430
RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)				
RN 35056-56-5	CAPLUS			
CN 1-Propanone, 3-[(2-hydroxy-2-(4-hydroxyphenyl)-1-methylethyl)amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)				



● HCl

RN 35056-57-6 CAPLUS
CN 1-Propanone, 3-[(2-hydroxy-2-(4-hydroxyphenyl)-1-methylethyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



L3 ANSWER 33 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN

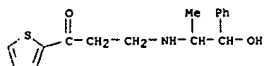
ACCESSION NUMBER: 1970:477214 CAPLUS
DOCUMENT NUMBER: 73:77214
TITLE: Coronary dilating 2-(3-phenyl-3-hydroxy-2-propylamino)ethyl heterocyclic ketones
INVENTOR(S): Posselt, Klaus; Enkheim, Bergen; Thiel, Kurt
PATENT ASSIGNEE(S): Deutsche Gold- und Silber-Scheideanstalt vorm. Roessler
SOURCE: U.S., 6 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3514465	A	19700526	US 1967-693138	19671226
DE 1670547	A	19701112	DE 1966-D51911	19661230
DE 1543538	A1	19760205	DE 1966-D51910	19661230
FR 8021	M	19700803	FR 1967-8021	19671229
GB 1203810	A	19700903	GB 1967-1203810	19671229
AT 286978	B	19710111	AT 1967-11809	19671229
US 3715369	A	19730206	US 1970-23455	19700327
US 3859305	A	19750107	US 1971-137575	19710426

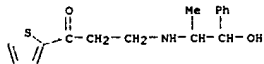
PRIORITY APPLN. INFO.:
DE 1966-D51910 A 19661230
DE 1966-D51911 A 19661230
US 1967-693138 A 19671226
US 1970-18300 A2 19700310

IT 28745-68-8P 28745-69-9P 28745-89-3P
28763-18-0P 28763-19-1P
RL: SPN (Synthetic preparation): PREP (Preparation)
(preparation of)

RN 28745-68-8 CAPLUS
CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



RN 28745-69-9 CAPLUS
CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

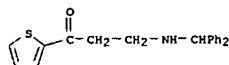
RN 28745-89-3 CAPLUS
CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-2-methyl-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)

L3 ANSWER 34 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN

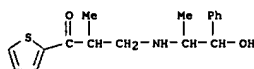
ACCESSION NUMBER: 1969:501431 CAPLUS
DOCUMENT NUMBER: 71:101431
TITLE: Analogs of prenylamine [as potential coronary vasodilators]
AUTHOR(S): Collino, Franco
CORPORATE SOURCE: Inst. Chem. Farm. Tossicol., Univ. Trieste, Trieste, Italy
SOURCE: Bollettino Chimico Farmaceutico (1969), 108(6), 255-67
CODEN: BCFPAI; ISSN: 0006-6648
DOCUMENT TYPE: Journal
LANGUAGE: Italian

IT 23934-69-2P
RL: SPN (Synthetic preparation): PREP (Preparation)
(preparation of)

RN 23934-69-2 CAPLUS
CN 1-Propanone, 3-[(diphenylmethyl)amino]-1-(2-thienyl)- (8CI) (CA INDEX NAME)

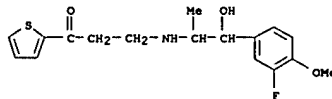


L3 ANSWER 33 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

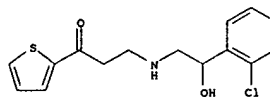
RN 28763-18-0 CAPLUS
CN 1-Propanone, 3-[(2-(3-fluoro-4-methoxyphenyl)-2-hydroxy-1-methylethyl)amino]-1-(2-thienyl)-, hydrochloride, (+)- (9CI) (CA INDEX NAME)



● HCl

RN 28763-19-1 CAPLUS
CN 1-Propanone, 3-[(o-chloro-β-hydroxyphenethyl)amino]-1-(2-thienyl)-, hydrochloride (8CI) (CA INDEX NAME)

Rotation (+).



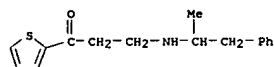
● HCl

L3 ANSWER 35 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1967:46160 CAPLUS
DOCUMENT NUMBER: 66:46160
TITLE: New method for preparation of diaryl alkyl amines
AUTHOR(S): Kloss, Josef
CORPORATE SOURCE: Privatlab., Berlin-Zehlendorf, Germany
SOURCE: Journal fuer Praktische Chemie (Leipzig) (1966), 34(5-6), 312-34
CODEN: JPCEAD; ISSN: 0021-8383
DOCUMENT TYPE: Journal
LANGUAGE: German

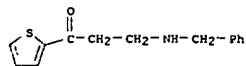
IT 13732-63-3P
RL: SPN (Synthetic preparation): PREP (Preparation)
(preparation of)

RN 13732-63-3 CAPLUS
CN 1-Propanone, 3-[(α-methylphenethyl)amino]-1-(2-thienyl)-, hydrochloride (8CI) (CA INDEX NAME)



● HCl

L3 ANSWER 36 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1958:61218 CAPLUS
 DOCUMENT NUMBER: 52:61218
 ORIGINAL REFERENCE NO.: 52:110674-i
 TITLE: Ketonic Mannich bases and the products of their
 reduction and bromination
 AUTHOR(S): Nobles, Lewis W.; Burckhalter, J. H.
 CORPORATE SOURCE: Univ. of Kansas, Lawrence
 SOURCE: Journal of the American Pharmaceutical Association,
 Scientific Edition (1958), 67, 77-81
 CODEN: JAPMA8; ISSN: 0095-9553
 DOCUMENT TYPE: Journal
 LANGUAGE: Unavailable
 OTHER SOURCE(S): CASREACT 52:61218
 IT 108245-96-1, 1-Propanone, 3-benzylamino-1-(2-thienyl)-,
 hydrochloride
 (preparation of)
 RN 108245-96-1 CAPLUS
 CN 1-Propanone, 3-benzylamino-1-(2-thienyl)-, hydrochloride (6CI) (CA INDEX
 NAME)



● HCl

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

126.82

293.97

STN INTERNATIONAL LOGOFF AT 14:12:32 ON 25 SEP 2006